

### ABSTRACT OF THE DISCLOSURE

In a method for performing a handover with the view of changing a telecommunications channel utilized by a connection between a mobile station and a mobile services switching centre in a mobile communications system, to make sure that the handover causes as little interference as possible to the ongoing connection, the allocation of a new radio channel to the connection involves checking whether a predetermined trigger condition is met, which happens if either the speech coding method or the data transfer rate changes, or if they both change at the same time, in connection with the handover, and directing the switching function of the mobile services switching centre to perform the handover if the checks show that the handover is a BSC-internal handover where the trigger condition is met.